

2018

Honors Opportunities

Polytechnic Campus

<http://barrettpoly.asu.edu>

*Environmental and
Resource Management*

Faculty Honors Advisor

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Environmental & Resource Management

and Barrett, the Honors College work together to provide their student's academic advising, research and internship opportunities, scholarship information and access to distinguished lectures and other special events.

By taking ERM courses under an honors designation, honors students work on special projects that provide them an expanded understanding of the course subject matter. Often, these courses have a lower student-to-faculty ratio, allowing the students to work on exciting research with faculty members. Such experiences distinguish honors students from other students and help them gain entrance to graduate programs or garner sought-after jobs. Honors students receive special invitations to various events, including meeting industry, faculty, and staff. They can also gain funding for research or travel to conferences held in other cities.

Offerings for Honors Enrichment Contracts

ERM 201 Introduction to Environmental Management – Instructor: Brown

ERM 203 Environmental Regulations – Instructor: Brown

ERM 302 Water and Wastewater Treatment – Instructor: Hristovski

ERM 401 Hazardous Waste Management – Instructor: Brown

ERM 402 Unit Treatment Technologies – Instructor: Hristovski

ERM 406 Environmental Chemistry – Instructor: Olson

ERM 407 Occupational Hygiene – Instructor: Olson

ERM 426 Environmental Issues – Instructor: Brown

ERM 428 International Environmental Management – Instructor: Olson

ERM 432 Sustainable Solid Waste Systems – Instructor: Brown

ERM 494 Environmental Health – Instructor: Brown

ERM 494 Air Pollution and Toxic Chemicals – Instructor: Olson

ERM 494 Chemistry of Hazardous Materials – Instructor: Olson

ERM 494 Environmental Leadership Best Practices – Instructor: Brown

Faculty & Research Interests

Students looking for engineering and manufacturing engineering program faculty members to supervise their honors theses can review the following list.

Al Brown	environmental law and policy, environmental health, air quality, water quality, safe drinking water, hazardous materials management, training of hazardous materials workers, environmental planning, and sustainability
Kiril Hristovski	nanomaterial synthesis & environmental applications and implications, water and wastewater treatment, solid and hazardous waste management, environmental and emergency management nexus, development/engineering/management of environmental systems for developing countries
Larry Olson	international environmental management, water management, hazardous chemicals, environmental chemistry, and biofuels

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Guidelines/Checklist for honors theses in the Environmental and Resource Management Program*

*The following provides general guidelines. Please check with the Barrett Honors College guidelines for updated information:

- Make sure you meet with your Barrett Advisor, Brady Hamilton, for your mandatory junior advising to go over the thesis process.
 - The student is responsible for formulating the thesis topic, for requesting faculty to serve on the committee, to submit the necessary forms to the Honors College, and to inform the chair of the committee of all Honors College requirements and deadlines.
 - Thoroughly review the Thesis/Creative project handbook and reference it throughout your project. Be aware of the deadlines and expectations of the project.
 - Brainstorm ideas for your topic. Think of topics that you have a passion for and that may assist you with future goals. The students can start thinking of thesis topics as early as their freshman and sophomore years. The students should definitely have a clear plan of the thesis topics or research by their junior year.
 - Investigate the research areas of the faculty in your department or in a related field and Create a list of questions and topic ideas to discuss with a potential thesis director.
 - Set up a meeting with a potential thesis director. Refer to the Faculty Honors Advisor in your department, if you need additional assistance.
 - Once you have a confirmed thesis director, register for the appropriate thesis course(s) (ERM 492 and/or ERM 493) through your director's department.
 - Select the second reader in collaboration with your thesis director.
 - Write your prospectus, have it reviewed and signed by your director and second reader.
 - Submit your prospectus to the Barrett Advising office by the appropriate deadline.
 - Meet regularly with your thesis director and second reader on the progress of your thesis/creative project.
 - Schedule your thesis defense.
 - Complete and file (if appropriate) the thesis reimbursement application.
 - Finalize your manuscript with the guidance of your committee, and prepare for your defense.
 - Plan to give your committee members a hard copy of your manuscript at least two weeks prior to the defense.
 - Present at your oral defense and have your Signature page correctly formatted and signed by your committee.
 - Submit your final unbound manuscript to the Barrett Advising office with correctly formatted Signature page containing original signatures (not photocopied) of all committee members, as well as an electronic copy of your thesis. See Final Copy Submission/Formatting section for campus specific emails.
 - • Confirm that your thesis/creative project director submitted a grade for the completed project and changed the Z grade if one was submitted in a prior semester (for 492).
 - Remember to submit the Barrett Graduation form online through MyASU during your final semester. This form is used to RSVP for Barrett Convocation and to declare your intent to complete all Barrett graduation requirements.
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